

Table 30.1

Myelodysplastic Syndromes, Chronic Myeloproliferative Disorders, and Chronic Myelomonocytic Leukemia

Counts, Percents and Age-Adjusted Incidence Rates^a for the 18 SEER Geographic Areas by Subtype, 2009-2013

Site	Both Sexes			Males			Females		
	Count	Percent	Rate	Count	Percent	Rate	Count	Percent	Rate
Total	34,645	100.0%	7.9	18,985	100.0%	10.2	15,660	100.0%	6.3
Myelodysplastic Syndromes (MDS)	21,338	100.0%	4.9	12,098	100.0%	6.7	9,240	100.0%	3.7
Refractory anemia (RA), NOS	1,707	8.0%	0.4	890	7.4%	0.5	817	8.8%	0.3
RA with ringed sideroblasts	1,374	6.4%	0.3	769	6.4%	0.4	605	6.5%	0.2
RA with excess blasts (RAEB)	3,057	14.3%	0.7	1,844	15.2%	1.0	1,213	13.1%	0.5
RAEB in transformation	24	0.1%	0.0	-	-	-	-	-	-
Refractory cytopenia w/multilineage dysplasia	1,568	7.3%	0.4	1,036	8.6%	0.6	532	5.8%	0.2
Myelodysplastic syndrome with 5q deletion	689	3.2%	0.2	286	2.4%	0.2	403	4.4%	0.2
Therapy-related myelodysplastic syndrome	85	0.4%	0.0	42	0.3%	0.0	43	0.5%	0.0
Myelodysplastic syndrome, NOS	12,834	60.1%	3.0	7,218	59.7%	4.0	5,616	60.8%	2.2
Chronic Myeloproliferative Disorders (CMD)	11,409	100.0%	2.5	5,676	100.0%	2.8	5,733	100.0%	2.4
Polycythemia vera	4,701	41.2%	1.0	2,659	46.8%	1.3	2,042	35.6%	0.8
Chronic myeloproliferative disease, NOS	288	2.5%	0.1	141	2.5%	0.1	147	2.6%	0.1
Myelosclerosis with myeloid metaplasia	1,520	13.3%	0.3	910	16.0%	0.5	610	10.6%	0.2
Essential thrombocythemia	4,747	41.6%	1.1	1,869	32.9%	0.9	2,878	50.2%	1.2
Chronic neutrophilic leukemia	31	0.3%	0.0	21	0.4%	0.0	-	-	-
Hypereosinophilic syndrome	122	1.1%	0.0	76	1.3%	0.0	46	0.8%	0.0
Chronic Myelomonocytic Leukemia (CMML)	1,898	100.0%	0.4	1,211	100.0%	0.7	687	100.0%	0.3

Source: SEER 18 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, Atlanta, San Jose-Monterey, Los Angeles, Alaska Native Registry, Rural Georgia, California excluding SF/SJM/LA, Kentucky, Louisiana, New Jersey and Georgia excluding ATL/RG).

^a Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).

- Statistic not shown due to fewer than 16 cases during the time period.